

UNIMAS extends water desalination research to help Kelantanese village

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Kota Bharu, Kelantan, 26 April 2015 – UNIMAS spreads its wings to disseminate research findings in its lab to help the needy in Kelantan.

Its Water Process research group which is based at its Faculty of Engineering, undertook a special community project in July 2013.

The team was led by experienced senior researcher, Professor Dr Mohd Shahidul Islam. The research team collected over 100 samples from Kota Bharu, Bachok, Pasir Puteh, Pasir Mas, Tanah Merah, Jeli, Tumpat, Machang, Kuala Krai and Gua Musang.

With dedication and perseverance, the team developed a safe water production model which is now fully installed and implemented at Kampung Laloh, Kuala Krai, Kelantan Darul Naim.

The project in Kelantan was designed to provide safe water production for the community at Kampung Laloh, Kuala Krai, Kelantan.

It builds on a sustainable model to ensure the water is processed with minimal costs.

The research team designed a water processing plant, and the water treatment process installation and validation of water quality are included in the development process.

The installed plant is capable to operate 24 hours a day and 7 days a week.

The installed capacity of the plant is 24,000 liter/day and could transfer up to 50,000 liter per day. A Public Health Specialist from is engaged to monitor the water quality.

A ceremony with the local community in Kuala Krai was held to officiate the launch of the new water treatment plant.

Present at the ceremony was UNIMAS Vice Chancellor, YBhg Professor Dato' Dr Mohamad Kadim Suaidi, and UNIMAS Board of Directors' Chairman, Datu Hatta Solhi. Also present are the university senior management team and the Water Process research team from its Faculty of Engineering.